Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 12 Feb 2021 until 23:59 on Saturday 13 Feb 2021

Forecast Issued on Thursday 11 Feb 2021 at 12:10

Confidence: High for cold but dry to start, turning more unsettled into the weekend, but milder into the new week. Main uncertainty is the timing of the change to milder conditions.

Headline for Friday 12 Feb 2021: Increasing sunshine through the day but cold and windy.

Mountain weather hazards on Friday 12 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny	Clear night	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Friday 12 Feb 2021

Weather: A cloudy start to the day but breaking up into the afternoon to allow the sun to shine through. Mainly sunny or clear through the rest of the afternoon and evening. Strong southeasterly winds and feeling cold.

Chance of cloud free mountain/hill tops above 800m: >90%

Visibility: Very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Friday 12 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	46/57 SE	45/57 SE	44/56 SE	44/56 SE	39/52 SE	34/47 SE	37/52 SE	38/55 SE	41/57 SE
600	38/53 SE	39/54 SE	39/54 SE	37/52 SE	35/50 SE	32/47 SE	34/51 SE	36/56 SE	36/56 SE
300	17/41 SE	17/42 SE	18/43 SE	18/40 SE	18/39 SE	17/36 SE	17/37 SE	20/41 SE	19/41 SE
Valley	14/34 SE	14/34 SE	15/34 SE	14/32 SE	16/33 SE	15/31 SE	15/30 SE	15/30 SE	13/29 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-8/-20	-7/-19	-7/-19	-7/-19	-6/-18	-6/-17	-8/-20	-10/-22	-10/-22
600	-6/-17	-6/-17	-6/-17	-6/-16	-4/-14	-4/-13	-6/-16	-7/-18	-8/-19
300	-3/-10	-3/-10	-3/-11	-3/-10	-1/-8	-1/-7	-3/-10	-5/-13	-5/-13
Valley	-1/-7	-1/-7	-1/-7	-0/-6	2/-4	2/-4	-1/-6	-2/-8	-2/-8
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold at all levels despite the sunshine.

Forecast for Saturday 13 Feb 2021

Weather: Largely cloudy through the day with the chance of outbreaks of snow during the evening. Strong southeasterly winds.

Maximum wind: Southeasterly 40-45 mph.

Chance of cloud free mountain/hill tops above 800m: >90%, potentially falling a little during the evening.

Visibility: Good, but poor in any outbreaks of snow in the evening with cloud bases dropping to 500-600m.

Temperature: **Valleys:** Minus 6 rising to zero Celsius.
At 800m: Minus 8 Celsius.
Freezing level: At surface.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 11 February 2021. Location: Helvellyn summit at 11:50. Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally, not leaving the village, town or city where they live. Here is today's report: A fine, clear day in the Lakes with little change in the ground conditions. The high fells are in full winter condition and careful planning and preparation is required for anyone venturing above the snowline.

Terrain is widely frozen down to valley level and ice is present on paths from low levels upwards, particularly around any drainage lines. Notably, the path leading up to Grisedale Tarn from Dunmail Raise is particularly affected by large areas of ice that are difficult to avoid. The fells in the west of the National Park have generally less snow cover than central and eastern fells. However, on the western side of Helvellyn, the snowline starts at roughly 600m with continuous cover up to summit level.

Almost all of the snow encountered today was hard and unforgiving with a well-scoured but breakable crust and small patches of soft windslab in some sheltered/depositional areas. Although small, these areas of windslab present a hazard on any steep ground as it is not very well bonded to the underlying crust. Most of the paths and other terrain and water features are buried under the snow and can't be relied upon to find your way if visibility deteriorates. A map and compass and good mountain navigation skills will be essential in such conditions in the coming days. Steep and exposed routes such as Swirral and Striding edge should only be attempted by those with sufficient winter mountaineering experience and appropriate equipment. In the current conditions, a slip in the wrong place (even on moderately steep ground) could result in a long and damaging fall. Small cornices are present around corrie rims, and although generally stable at the moment, they will become fragile when milder temperatures return.

Extreme care should be taken in areas in close proximity to the corrie rims which might not be visible in cloudy conditions. Full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and additional equipment including an ice axe, crampons/microspikes, headtorch and survival bag are all essential for anyone going into the higher fells. Goggles are also recommended for navigating in windy conditions. Please be conservative with your plans and aware of your limits. Temperature: minus 5.7 C, Maximum wind speed 22.2 mph, Wind chill: minus 13.7 C, Average wind speed: 12.7 mph

Issued at: 1210 on Thu 11 Feb 2021

(C) Crown Copyright 2021. All Rights Reserved